

SEETRONIC

Product Data Sheet

产 品 规 格 书

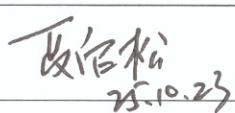
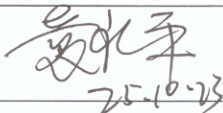
Product Type
产品类型

Plug
插头

Product Number
产品型号

MP3X

Customer Name
客户名称

Manufacturer 生产方	Prepared 制作	Checked 审核	Approved 核准
		 25.10.23	 25.10.23

Customer 客户方	Received 接受	Checked 审核	Confirmed 确认

Above specifications and information may have tolerances and have been updated.
Every effort has been made to ensure correctness upon release of this data sheet.
以上规格和信息可能有公差，并已更新。我们已尽一切努力确保本数据手册发布时的正确性。

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Product Type 产品类型	Plug 插头	
Product Number 产品型号	MP3X	
Product Features 产品特性 ➤ Particularly slender 1/4" plugs provide the highest density of packaging ➤ Strong die-cast housing with novel design ➤ Chuck jacket provides reliable cable maintenance ➤ Polishing design provides maximum operational convenience ➤ 特别纤细的 1/4"插头提供最高密度的包装 ➤ 坚固的压铸外壳，具有新颖的设计 ➤ 卡盘式夹线套提供可靠的电缆保持 ➤ 磨光设计提供最大的操作便利		



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Electrical Parameters

电气参数

Item 项目	Specification 规格
Rated Current 额定电流	depends on mating connector
Rated Voltage 额定电压	< 50V
Contact Resistance 接触电阻	depends on mating connector
Dielectric Strength 介电强度	1000V DC
Insulation Resistance 绝缘电阻	> 2GΩ

Mechanical Parameters

机械参数

Item 项目	Specification 规格
Service Life 使用寿命	>1000 mating cycles >1000 次使用周期
Cable Size 电线尺寸	1.0 mm ² 18AWG
Cable OD 电缆外径	4-7 mm



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Material and Environmental Parameters

材料和环境

Item 项目	Specification 规格
Housing 外壳材质	Zinc diecast 锌合金
Contacts 触点材质	Brass 黄铜
Contact surface 触点表面	Ni 镍
Shell Electroplating 外壳电镀	Cr 珍珠铬
使用温度范围 Temperature range	-30°C ~ +80°C

Standards and Certifications

标准和认证

Solderability 可焊性标准	IEC 68-2-20
Certifications 标准	IEC 60603-11/EIA RS-453

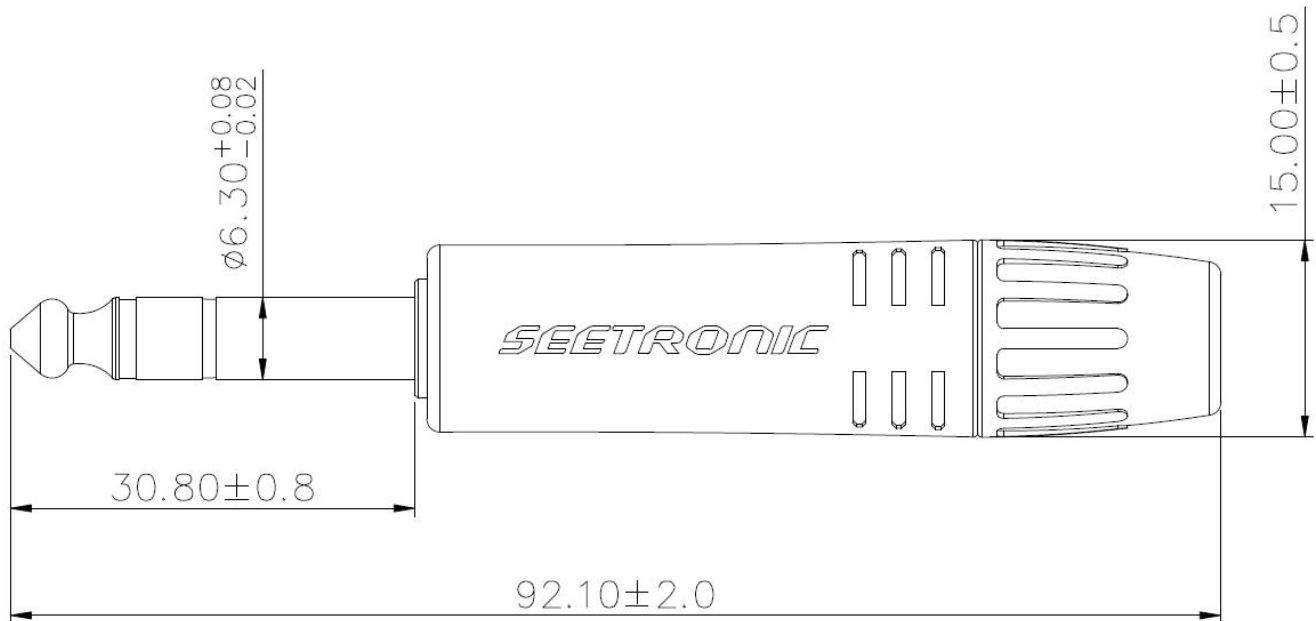


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Product Drawing

产品外形尺寸



单位: mm

Packaging Method

包装方式

1pcs per bag(Including 1 inner core component, 1 shell, 1 cable clamp, and 1 tail sleeve each)
100pcs per box,and 5 boxes per carton(500pcs per carton)
1pcs/袋(包含内芯组件、外壳、线夹、尾套各 1pcs),
100pcs/盒, 5 盒/箱 (500pcs/箱)

Accessory

配件

- | | |
|---|---|
| ☒ No accessories
无配件 | ☐ Back fastener plate
安装固定件 |
| ☐ Screws and Nuts
螺丝和螺帽 | ☐ Other
其他 |



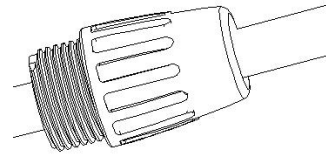
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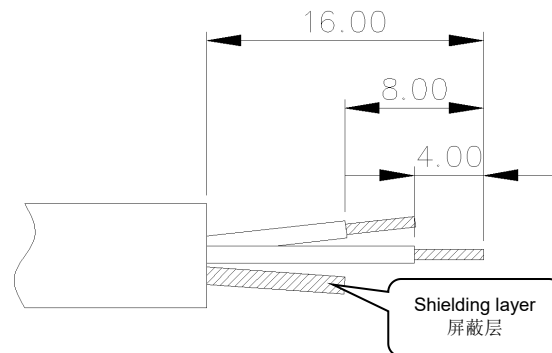
Assembly Instructions

安装使用说明

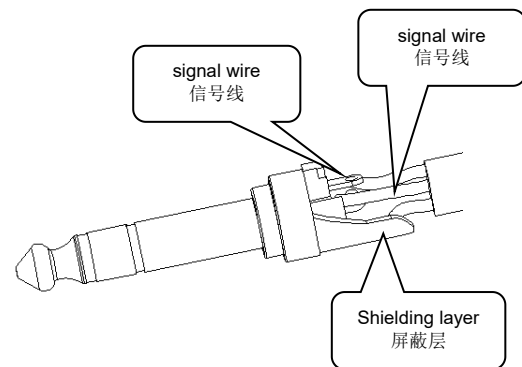
- (1) Thread the cable through the bushing
将线缆穿过尾套



- (2) Strip the cable in the size as shown
线缆头部按右图尺寸剥线



- (3) Soldering the conductor portion of the cable to the core assembly
将线缆导体部分与内芯组件进行焊接



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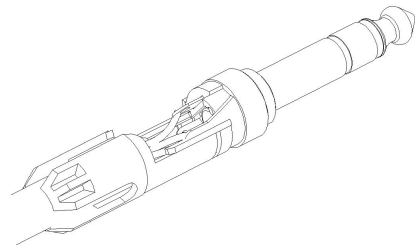
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Assembly Instructions

安装使用说明

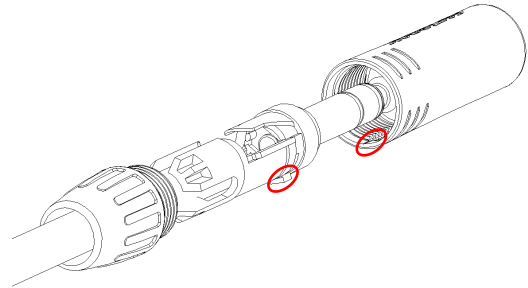
(4) Snap the cable into the clip

将线缆卡入线夹中



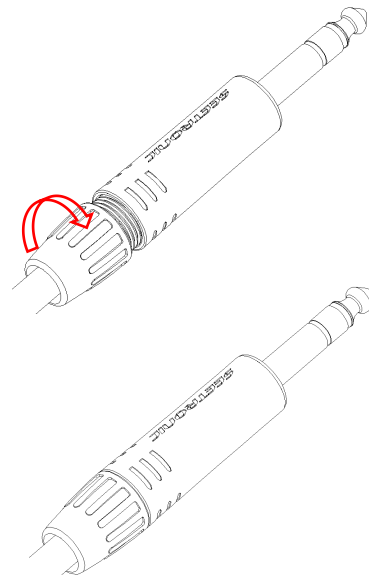
(5) Push the inner core assembly into the housing with the wire clip, the inner core assembly's convex bar needs to correspond with the housing's convex bar

用线夹将内心组件推入外壳内，内芯组件的凸筋需与外壳凸筋对应



(6) After assembling the cable clamp, inner core component, and shell, tighten the tail sleeve in a clockwise direction.

线夹、内芯组件与外壳装配后，将尾套按顺时针方向拧紧。



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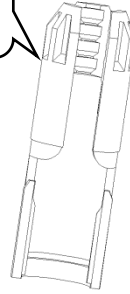
Assembly Instructions

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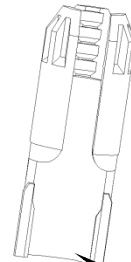
Attention: When using cables with a diameter of 4-5.5mm, the tail of the clamp does not need to be broken off. When using cables with a diameter of 5.5-7mm, a part of the tail of the clamp needs to be broken off, as shown in the picture on the right.

注意：此产品使用 4-5.5mm 线径线缆时线夹尾部不需要掰掉，使用 5.5-7mm 线径线缆时，线夹尾部需要掰掉一部分，如右图：

线缆线径
4-5.5mm
夹线状态



线缆线径
5.5-7mm
夹线状态



线夹尾部需要
掰掉一部分

